



Government of India

**MINISTRY OF HEALTH & FAMILY WELFARE
National AIDS Control Organization (NACO)**

Government of India

Through

Strategic Alliance Management Services Pvt. Ltd. (SAMS)

B01-B03, Vardhman Diamond Plaza, Community Centre,

D.B. Gupta Road, Paharganj, New Delhi – 110 055



International Competitive Bidding (ICB)

Invitation for Bids (IFB)

for

E-PROCUREMENT of Laboratory Equipment and Goods

(IFB No. SAMSPL/17-18/ET/6)

AMENDMENT No. 5 dated 21/9/2017

As per Bid Data Sheet ITB Para 7.2, the Pre-Bid Meeting was held on 11/7/2017 at 1100 Hrs. Subsequently, the due date for submission and opening of bids and other associated dates were last amended vide Amendment No. 4 dated 20/9/2017.

Further, the Minutes of Pre-Bid Meeting and responses / amendments against clarifications sought by prospective bidders have been issued on 21/7/2017. Now, as referred in said Minutes of Pre-Bid Meeting, and pursuance to the ITB Para 8, the following Addendums are being issued.

S. N.	Para / Clause reference Page reference	As Provided	As Amended
1	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 1	Description of function and use: The class II BSC is used in a Laboratory in ART Centre in conjunction with Real Time PCR Machine.	Description of function and use: The class II BSC is used in a Laboratory
2	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 2.1	Certification: The BSC must be: 1. NFS (National Sanitation Foundation)/ANSI 49 Certified 2. AL and CE certified The above certificates of the quoted model should be submitted (the bid without these certificates will not be evaluated and rejected).	The BSC to meet the requirements of class IIA2 NSF 49 or class II EN 12469; specifically, with regard to inward airflow (≥ 0.40 m/s according to EN 12469:2000 or ≥ 0.50 m/s according to NSF 49:2004).
3	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 3.2	The interior dimensions must be at least (W x H x D) 1200mm x 750mm x 600mm, but should not exceed 1500mm x 800mm x 650mm.	The interior dimensions must be Approx (W x H x D) 1200mm x 750mm x 600mm, but should not exceed 1500mm x 800mm x 650mm
4	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet	Design and Dimensions: The maximum height of front window opening must be between 500mm to 600mm.	Design and Dimensions: The maximum height of front window opening must be between 500mm to 600mm (+/-10%)

S. N.	Para / Clause reference Page reference	As Provided	As Amended
	(BSC) Class II, Type A2 – Sr. No. 3.4		
5	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 3.8	Must have flat, single-piece stainless steel removable work tray preferably with seamless lift out knobs	Must have flat, single-piece stainless steel removable work tray preferably with seamless lift out knobs
6	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 6.6	Motor for air circulation should be Dual DC & must automatically adjust the airflow speed (balancing inflow and down flow) without the use of a damper to ensure continuous safe working environment	Motor for air circulation should be able to automatically adjust the airflow speed (balancing inflow and down flow) without the use of a damper to ensure continuous safe working environment
7	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 6.8	Air Circulation: The cabinet must automatically reduce fan/ blower motor speed to 30% when the front window sash is in closed position to ensure reduced energy consumption when the cabinet is not in use.	Deleted.
8	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 6.9	Canopy (Thimble) unit for ducting exhaust connection to outside the room (exterior environment) meeting material and the technical specification as per the NFS 49 guidelines for the bio safety cabinets Class II, Type A2 must be provided. All the material, labour technical manpower etc. must be provided by the bidder for above work. The site may be inspected by the bidder if needed after taking permission from head of department of the institute	Canopy (Thimble) unit for ducting exhaust connection to outside the room (exterior environment) meeting material and the technical specification as per the EN 12469 or NSF 49 guidelines for the bio safety cabinets Class II, Type A2 must be provided. All the material, labour technical manpower etc. must be provided by the bidder for above work. The site may be inspected by the bidder if needed after taking permission from head of department of the institute
9	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 7.1	Lighting power at least $\geq 1100\text{lx}$	Lighting power at least $\geq 1000\text{lx}$
10	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. I - Biosafety Cabinet (BSC) Class II, Type A2 – Sr. No. 8.	Installation, onsite validation and certification to be provided with testing as per “Field Certified in accordance with NFS/ANSI 49” and must meet the criteria as prescribed by NFS/ANSI 49 for Bio safety cabinets Class II, Type A2. The certificate of successful installation will only be given after departmental technical committee satisfy with the performance of	Installation, onsite validation and certification to be provided with testing as per “Field Certified in accordance with NSF/ANSI 49/ EN 12469 and must meet the criteria as prescribed by NSF/ANSI 49/ EN 12469 for Bio safety cabinets Class II, Type A2. The certificate of successful installation will only be given after departmental technical committee satisfy with the performance of

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		<p>onsite validation and certification tests as per standards mentioned in NFS/ANSI 49 document for the following parameters:</p> <ol style="list-style-type: none"> 1. HEA filter leak test 2. Down flow face velocity 3. Inflow velocity 4. Air flow smoke pattern test 5. Cabinet integrity test (positive pressure plenum cabinets only) 6. Site installation assessment tests which includes (alarm functions as required by NFS/ANSI 49 standard, blower interlock and exhaust system performance (proper exhaust duct negative pressure and canopy and performance) 	<p>onsite validation and certification tests as per standards mentioned in NSF/ANSI 49 / EN 12469 document for the following parameters:</p> <ol style="list-style-type: none"> 1. HEPA filter leak test 2. Down flow face velocity 3. Inflow velocity 4. Air flow smoke pattern test 5. Cabinet integrity test (positive pressure plenum cabinets only) 6. Site installation assessment tests which includes (alarm functions as required by NSF/ANSI 49/ EN 12469 standard, blower interlock and exhaust system performance (proper exhaust duct negative pressure and canopy and performance)
11	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. II - Centrifuge Machine (Table Top) Speed – 4000 RPM (min) – Sr. No. 5	Timer for setting time between 0 to 60 min with increment of at least 5 min.	Timer for setting time between 0 to 60 min with increment of at least 1 min.
12	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. II - Centrifuge Machine (Table Top) Speed – 4000 RPM (min) – Sr. No. 6	<p>Rotor: Angled head with capacity for at least 3-8ml blood tubes fit</p> <ul style="list-style-type: none"> • Adaptors Each with capacity of 6ml tube • Adaptors Each with capacity of 8ml tube 	<p>Rotor: Angled head with capacity for at least 24 tubes, 3-8ml tubes fit</p> <ul style="list-style-type: none"> • Adaptors Each with capacity of 6ml tube • Adaptors Each with capacity of 8ml tube
13	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. II - Centrifuge Machine (Table Top) Speed – 4000 RPM (min) - Sr. No. 9.7	--	<p>The new para is being added at Sr. No.9.7. as under:</p> <p>The bidder should provide installation qualification (IQ), operational qualification (OQ) and performance qualification (PQ) with all documents in original at the site of installation. It should be FDA/CE/UL approved Manufacturer should have ISO 9001 certification of the quality standard Log book for maintenance of the equipment at no extra cost</p>
14	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. III - Centrifuge Machine	Timer for setting time between 0 to 60 min with increment of at least 5 min.	Timer for setting time between 0 to 60 min with increment of at least 1 min.

S. N.	Para / Clause reference Page reference	As Provided	As Amended
	(Table Top) Speed – 3000 RPM (min) – Sr. No. 5		
15	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. III - Centrifuge Machine (Table Top) Speed – 3000 RPM (min) – Sr. No. 6	Rotor: Swing out with capacity to fit minimum 28 blood tubes of 15 ml each & Adaptors for 15 ml tubes	Rotor: Swing out with capacity to fit minimum 24 blood tubes of 15 ml each & Adaptors for min 5 ml tubes (vacutainers)
16	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. III - Centrifuge Machine (Table Top) Speed – 3000 RPM (min) – Sr. No. 2.A	--	The new para (2.A) is being added as under: “Centrifuge should work on brushless induction motor with variable frequency drive.”
17	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VI - Pipettes – 2-20µl – Sr. No. 3	Dispensing Increment: 0.1µl	Dispensing: Increment: 0.2µl
18	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VII - Micropipettes – Sr. No. 6	Display: should have 4 position volume display, with an integrated lens for better visibility of the volume, Display always visible and facing the user during operation	Display: should have 3 position volume display. Display always visible and facing the user during operation
19	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VII - Micropipettes – Sr. No. 11	Maximum permissible systematic error (at 100% volume) $\pm 1\%$	Maximum permissible systematic error (at 100% volume) $\pm 3\%$ & $\pm 1\%$ (Note: first applies to lower volume and second applies to higher volume)
20	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VII - Micropipettes – Sr. No. 12	Maximum permissible Random error (at 100% volume) $\pm 0.4\%$	Maximum permissible Random error (at 100% volume) $\pm 2.5\%$ & $\pm 0.4\%$ (Note: first applies to lower volume and second applies to higher volume)
21	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. VIII - Refrigerator (2-8°C) – Sr. No. 10	Other performance features: 12 hrs cooling retention during power cuts, advanced moisture control	Other performance features: 1-2 hrs cooling retention during power cuts.
22	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX -	Capacity: 370-400 ltr. or better	Capacity: 400 ltr. or better

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	Deep Freezer (-20°C) – Sr. No. 1		
23	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX - Deep Freezer (-20°C) – Sr. No. 2	Microprocessor controlled vertical (upright) Deep Freezer (-20°C) with 3-4 interior compartments / adjustable shelves with preferably to internal doors	Microprocessor controlled vertical (upright) Deep Freezer (-20°C) with 3-4 interior compartments / adjustable shelves with preferably two internal doors
24	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX - Deep Freezer (-20°C) – Sr. No. 3	Digital display of temp with facility to set temp between -10°C to -40°C with 1°C increment	Digital display of temp with facility to set temp between -10°C to -20°C with 1°C increment
25	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX - Deep Freezer (-20°C) – Sr. No. 5	Hermetically sealed 2-stage compressor for cascade function	Hermetically sealed compressor
26	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX - Deep Freezer (-20°C) – Sr. No. 6	Polyurethane vacuum insulation with silicon gasket on doors for tight sealing	Polyurethane insulation with silicon gasket on doors for tight sealing
27	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. IX - Deep Freezer (-20°C) – Sr. No. 7	Double-door with lockable outer door	Lockable outer door
28	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. X - Deep Freezer (-80°C) – Sr. No. 7	Refrigeration HP: Two 1.25 HP each	Deleted.
29	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. X - Deep Freezer (-80°C) – Sr. No. 9	Heavy duty, cold rolled steel cabinets with a powder coat paint finish for a uniform exterior that resists chipping and rust	Heavy gauge, cold rolled steel cabinets with a powder coat paint finish for a uniform exterior that resists chipping and rust
30	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. XIII - Cold Carrier (HIV Test Kit Carrier) – Sr. No. 8	Cool Gel of size - 21 x 8 cm (12 Nos.) to be supplied with each unit	Cool Gel of size - 21 x 8 cm (12 Nos.) or Coolant Sheets of suitable sizes (5 Nos.) to be supplied with each unit
31	Section VII – Schedule of Requirements – Technical	Certification: At least National Physical Laboratory certified	Certification: National Physical Laboratory or CE certified

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	Specifications – Schedule No. XIV - Infrared Digital Thermometer – Sr. No. 9																										
32	Section VII – Schedule of Requirements – Technical Specifications – Schedule No. XVI - Digital Weighing Machine for Baby – Sr. No. 7	The Tray should be made of SS/ fiber glass/acrylic	The Tray should be made of SS/ fiber glass/acrylic/ABS plastic																								
33	Invitation for Bids (IFB) Para 2 and Section VII – Schedule of Requirement – List of Goods and Delivery Schedule	<table border="1"> <thead> <tr> <th>Sc he dul e No .</th> <th>Brief Desc riptio n of Good s</th> <th>Quan tity (Nos.)</th> <th>EMD / Bid Security (INR) (or USD equivale nt)</th> </tr> </thead> <tbody> <tr> <td>III</td> <td>Centr ifuge Mach ine (Tabl e Top) Spee d 3000 RPM (Min)</td> <td>2739</td> <td>2,00,00,0 00</td> </tr> <tr> <td>XII</td> <td>Verti cal Ice Lined Refri gerat or – (ILR) – 200 Liters</td> <td>3985</td> <td>1,50,00,0 00</td> </tr> </tbody> </table>	Sc he dul e No .	Brief Desc riptio n of Good s	Quan tity (Nos.)	EMD / Bid Security (INR) (or USD equivale nt)	III	Centr ifuge Mach ine (Tabl e Top) Spee d 3000 RPM (Min)	2739	2,00,00,0 00	XII	Verti cal Ice Lined Refri gerat or – (ILR) – 200 Liters	3985	1,50,00,0 00	<table border="1"> <thead> <tr> <th>Sc he dul e No .</th> <th>Brief Desc riptio n of Good s</th> <th>Quan tity (Nos.)</th> <th>EMD / Bid Security (INR) (or USD equivale nt)</th> </tr> </thead> <tbody> <tr> <td>III</td> <td>Centr ifuge Mach ine (Tabl e Top) Spee d 3000 RPM (Min)</td> <td>2739</td> <td>20,00,00 0</td> </tr> <tr> <td>XII</td> <td>Verti cal Ice Lined Refri gerat or – (ILR) – 200 Liters</td> <td>3985</td> <td>20,00,00 0</td> </tr> </tbody> </table>	Sc he dul e No .	Brief Desc riptio n of Good s	Quan tity (Nos.)	EMD / Bid Security (INR) (or USD equivale nt)	III	Centr ifuge Mach ine (Tabl e Top) Spee d 3000 RPM (Min)	2739	20,00,00 0	XII	Verti cal Ice Lined Refri gerat or – (ILR) – 200 Liters	3985	20,00,00 0
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34	Section VIII – General Conditions of Contract – GCC Para 16.5 and Section IX – Special Conditions of Contract	GCC 16.5: In the event that the Purchaser fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether	The Clause 16.5 stands deleted																								

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		<p>before or after judgment or arbitration award</p> <p>SCC of GCC 16.5: The payment-delay period after which the Purchaser shall pay interest to the supplier shall be 90 days.</p> <p>The interest rate that shall be applied is 4% per annum for payments in Indian currency. For foreign currency per annum interest rate will be LIBOR three month rate for specific currency as prevailing on date of NOA.</p>	

Further, Bidders' attention is drawn to the last para of ITB Para 19.3 related to validity of Bid Security. In view of the amendment/extension in dates as above, the bid submitted by bidders is required to be valid up to 31 Jan, 2018. Therefore, the bid security submitted by bidders pursuant to ITB Para 19 is required to be valid up to 28 Feb, 2018.

All other terms and conditions of the Bid Document shall remain unchanged

For and on behalf of
Strategic Alliance Management Services Pvt. Ltd.



(Satya Verma)
General Manager (Procurement)